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PATENT
Our Docket: P-CW 494

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Shukti Chakravarti

) Examiner: Unassigned
) Group Art Unit: 1627

Serial No.: 10/084,892

)

Filed: February 27, 2002

)

For: GENE EXPRESSION PROFILING OF
INFLAMMATORY BOWEL DISEASE

)

I hereby certify that this correspondence is
being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Commissioner for Patents,
Washington, D.C. 20231, on August 8, 2002.

By James J. Wong

James J. Wong, Reg. No. 34,949

August 8, 2002

Date of Signature

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are
references relating to the above-identified application. For the
convenience of the Examiner, these references are listed on the
attached Form PTO-1449, and a copy of each is enclosed herewith.

It is respectfully requested that these references be
considered in the examination of this application and that their
consideration be made of written record in the application file.

No fee is deemed necessary in connection with the
filing of this Information Disclosure Statement. However, if any
fee is required, authorization is hereby given to charge the
amount of any such fee to Deposit Account No. 03-0370.

Respectfully submitted,

James J. Wong

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US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-CW 4945	SERIAL NO. 10/084 892
	APPLICANT: Shukti Chakravarti	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: February 27, 2002	GROUP 1627

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U. S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5, 952, 483	09/14/99	Chabot-Fletcher	536	23.5	07/31/97
	5, 994, 076	11/30/99	Chenchik et al.	435	6	05/21/97
	6, 110, 426	08/29/00	Shalon et al.	422	68.1	12/30/97
	6, 177, 244	01/23/01	Sytkowsky et al.	435	6	02/11/98
	6, 218, 122	04/17/01	Friend et al.	435	6	06/16/99
	6, 232, 066	05/15/01	Felder et al.	435	6	07/02/98

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	WO 00/14283	03/16/00	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-CW 4945	SERIAL NO 10/084,894
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	Aitman et al., "Identification of Cd36 (Fat) as an Insulin-resistance gene causing defective fatty acid and glucose metabolism in hypertensive rats,: <u>Nature Genetics</u> 21:76-83 (1999).
	Alexander et al., "Expression of protooncogene-encoded mRNA by colonic epithelial cells in inflammatory bowel disease," <u>Digestive Disease and Science</u> 41:660-669 (1996).
	Antalis et al., "Down-regulation of the down-regulated in Adenoma (DRA) gene correlates with colon tumor progression," <u>Clinical Cancer Research</u> 4:1857-1863 (1998).
	Brantzaeg et al., "Immunology and immunopathology of human gut mucosa: humoral immunity and intraepithelial lymphocytes," <u>Gastroenterology</u> 97:1562-1584 (1989).
	Cho et al., "Linkage and linkage disequilibrium in chromosome band Ip36 in American Chaldeans with inflammatory bowel disease," <u>Human Molecular Genetics</u> 9(9): 1425-1432 (2000).
	De Dombal et al., "Short-term course and prognosis of Crohn's Disease," <u>Gut</u> 15:435-443 (1974).
	Dieckgraefe et al., "Expression of the regenerating gene family in inflammatory bowel disease: potential role as an injury-induced tissue mitogen," <u>Gastroenterology</u> 116: G2634 (1999). Abstract
	Dieckgraefe et al., "Characterization of mucosal gene expression in inflammatory bowel disease by direct hybridization to massively parallel oligonucleotide arrays," <u>Digestive Diseases and Sciences</u> 114: G3954 (1998). Abstract
	Duerr et al., "Linkage and association between inflammatory bowel disease and a locus on chromosome 12," <u>Am J. Hum. Genet.</u> 63:95-100 (1998).

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	Fiocchi Claudio, "Inflammatory Bowel Disease: etiology and Pahtogenesis," <u>Gastroenterology</u> 115:182-205 (1998).
	Funakoshi et al., "Spectrum of cytokine gene expression in intestinal mucosal lesions of Crohn's Disease and ulcerative colitis," <u>Digestion</u> 59:73-78 (1998).
	Golub et al., "Molecular classification of cancer: class discovery and class prediction by gene expression monitoring," <u>Science</u> 286:531-537 (1999).
	Hampe et al., "Linkage of Inflammatory Bowel Disease to humna chromosome 6p," <u>Am. J. Hum. Genet.</u> 65:1647-1655 (1999).
	Hosokawa et al., "Interleukin-6 and soluble interleukin-6 receptor in the colonic mucosa of inflammatory bowel disease," <u>J. Gastro. Hepathology</u> 14:987-996 (1999).
	Hugot et al., "Mapping of a susceptibility locus for Crohn's Disease on chromosome 16," <u>Nature</u> 379:821-823 (1996).
	Jones and Bevins, "Paneth cells of the human small intestine express in antimicrobial peptide gene," <u>J. Bio. Chem.</u> 267(32):23216-23225 (1992).
	Kocher et al., "Identification and partial characterization of a novel membrane- associated protein (MAP 17) up-regulated in human carcinomas and modulating cell replication and tumor growth," <u>Am. J. Path.</u> 149(2):493-500 (1996).
	Lauritsen et al., "In vivo profiles of Eicosanoids in ulcerative colitis, Crohn's colitis, and clostridium difficile collitis," <u>Gastroenterology</u> 95:11-17 (1988).
	Lawrance et al., "Ulcerative colitis and Crohn's disease: distinctive gene expression profiles and novel susceptibility candidate genes," <u>Human Molecular Genetics</u> 10(5):445-456 (2001).

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	Lockhart et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," <u>Nature Biotechnology</u> 14:1675-1680 (1996).
	Mazzucchelli et al., "Differential in situ expression of the genes encoding the chemokines MCP-1 and RANTES in human inflammatory bowel disease," <u>J. Pathology</u> 178:201-206 (1996).
	Ohmen et al., "Susceptibility locus for Inflammatory Bowel Disease on chromosome 16 has a role in Crohn's Disease, but not in ulcerative colitis," <u>Human Mol. Gene.</u> 5(10):1679-1683 (1996).
	Pallone et al., "Hla-d region antigens on isolated human colonic epithelial cells enhanced expression in inflammatory bowel disease and in-vitro induction by different stimuli," <u>Clin. Exp. Immun.</u> 74:75-79 (1988).
	Panwala et al., "A novel model of Inflammatory Bowel Disease: mice deficient for the multiple drug resistance gene, mdr 1a, spontaneously develop colitis," <u>J. of Immunol.</u> 161(10):5733-5744 (1998).
	Roediger, "The colonic epithelium in the ulcerative colitis: an energy-deficiency disease?," <u>The Lancet</u> 2:712-715 (1980).
	Rogler et al., "Nuclear factor kB is activated in macrophages and epithelial cells of inflamed intestinal mucosa," <u>Gastroenterology</u> 115:357-369 (1998).
	Satsangi et al., "Two stage genome-wide search in Inflammatory Bowel Disease provides evidence for susceptibility loci on chromosomes 3, 7 and 12," <u>Nature Genetics</u> 14:199-202 (1996).
	Satsangi et al., "Genetic markers in inflammatory bowel disease," <u>Curr. Opin. Gastro.</u> Academic Journals, London 12:322-326 (1996).
	Truelove et al., "Cortisone in ulcerative colitis," <u>British Medical Journal</u> , 2:1041-1048 (1955).

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